Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY DOCKET NO.	APPLICATION NO.
SD-6997	NEW
APPLICANT	
Michael J. Borden, et al	
FILING DATE	**GROUP**
	Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
KW	US5,768,156		1998-06-16	TAUTGES et al.			

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

Not provided	Michael J. Borden, "Modification of All-Hexahedral Finite Element Meshes By Dual Sheet Insertion and Extraction," M.S. Thesis, Brigham Young University, August 2002.
Not provided	Murdoch, Benzley, Blacker, Mitchell, "The spatial twist continuum: A connectivity based method for representing all-hexahedral finite element meshes." Finite Elements in Analysis and Design 28 (1997) 137-149, containing background information on whisker weaving and the spatial twist continuum.
Not provided	Knupp, Mitchell, "Integration of Mesh Optimization with 3D All-Hex Mesh Generation," Sandia national Laboratories, SAND99-2852, November 1999, background on 3D mesh generation.
Not provided	Folwell and Mitchell, "Reliable Whisker Weaving via Curve Contraction," paper on the 3D problem. (9 pages) Whisker weaving is not working, but the paper demonstrates a need for research in the 2D and 3D areas. Surface Splicing successfully addresses the 2D problem.

EXAMINER	DATE CONSIDERED
Christos Nguyen	9-20-05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.